

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/619,454-Conf. #7700
				Filing Date	July 16, 2003
				First Named Inventor	Cheryl Fitzer-Atlas
				Art Unit	1649
				Examiner Name	S. H. Standley
Sheet	1	of	4	Attorney Docket Number	20555/1203432-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/S.S./	AA*	US-4,582,788	04-15-1986	Erich	
/S.S./	AB*	US-4,683,202-B1	07/1987	Mullis	
/S.S./	AC*	US-20040043935-A1	03-04-2004	Frangione et al.	
/S.S./	AD*	US-20030166558-A1	09-04-2003	Frangione et al.	

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/S.S./	BA	WO-99/27944	06-10-1999	Athena Neurosciences Inc et al.		
/S.S./	BB	WO-00/72876	12-07-2000	Neuralab Ltd et al.		
/S.S./	BC	WO-0190182	11-29-2001	Univ New York et al.		
/S.S./	BD	WO-03/045128	06-05-2003	Univ New York et al.		

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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
/S.S./	CA	Bauer, J. et al. "Inflammation in the nervous system: the human perspective". 2001 Glia 36: 235-243.				
/S.S./	CB	Blen, C.G., et al. "Destruction of neurons by cytotoxic T cells: a new pathogenic mechanism in Rasmussen's encephalitis." Ann Neurol 2002 March; 51(3):311-8				
/S.S./	CC	Blasko I, et al., "B TNFalpha plus IFNgamma induce the production of Alzheimer beta-amyloid peptides and decrease the secretion of APPs." FASEB J 1999 January; 13(1):63-8				
/S.S./	CD	Busciglio, J. et al. "Generation of beta-amyloid in the secretory pathway in neuronal and nonneuronal cells." (1993) Proc Natl Acad Sci USA 90:2092-2096				
/S.S./	CE	Buus S, et al., "Receptor-ligand interactions measured by an improved spun column chromatography technique. A high efficiency and high throughput size separation method." Biochim Biophys Acta. Apr. 13, 1995; 1243(3):453-60.				
/S.S./	CF	Check, E. "Nerve inflammation halts trial for Alzheimer's drug." Nature. Jan. 31, 2002;415(6871):462.				
/S.S./	CG	Gay, F. W. et al. "The application of multifactorial cluster analysis in the staging of plaques in early multiple sclerosis. Identification and characterization of the primary demyelinating lesion."				

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		Brain. 1997 August;120 (Pt 8):1461-83.	
/S.S./	CH	Geddes, J. W. et al, "N-terminus truncated beta-amyloid peptides and C-terminus truncated secreted forms of amyloid precursor protein: distinct roles in the pathogenesis of Alzheimer's disease." Neurobiol Aging. 1999 20(1):75-9	
/S.S./	CI	Glenner, G. G. and Wong, C. W. "Alzheimer's disease: initial report of the purification and characterization of a novel cerebrovascular amyloid protein." (1984) Biochem Biophys Res Commun 120:885-890.	
/S.S./	CJ	Griffin D E, et al. "The immune response in viral encephalitis." Semin Immunol 1992 April; 4(2):111-9.	
/S.S./	CK	Haass, C. et al. "Amyloid beta-peptide is produced by cultured cells during normal metabolism." (1992) Nature 359:322-325	
/S.S./	CL	Haas, C. et al, "Mutations associated with a locus for familial Alzheimer's disease result in alternative processing of amyloid b-protein precursor." J Biol. Chem. 269, 17741-17748.	
/S.S./	CM	Higgins, L.S. et al, "p3 b amyloid peptide has a unique and potentially pathogenic immunohistochemical profile in Alzheimer's disease brain." Am J. Pathol 149, 585-598.	
/S.S./	CN	Janus, C. et al. "A beta peptide immunization reduces behavioural impairment and plaques in a model of Alzheimer's disease." 2000 Nature 408, 979-982.	
/S.S./	CO	Joachim, C. L. et al. "Protein chemical and immunocytochemical studies of meningovascular beta-amyloid protein in Alzheimer's disease and normal aging." (1988) Brain Res 474:100-111	
/S.S./	CP	Kang, J. et al. "The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor." Nature. Feb. 19-25, 1987; 325(6106):733-6	
/S.S./	CQ	Kimura, T. & Griffin, D. E., "The role of CD8(+) T cells and major histocompatibility complex class I expression in the central nervous system of mice infected with neurovirulent Sindbis virus." J Virol 2000 July; 74(13):6117-25	
/S.S./	CR	Lalowski M et al., "The "nonamyloidogenic" p3 fragment (amyloid beta17-42) is a major constituent of Down's syndrome cerebellar preamyloid." 1996 J Biol Chem 271(52):33623-31	
/S.S./	CS	Lamer, A. J. "Hypothesis: amyloid b peptides truncated at the N-terminus contribute to the pathogenesis of Alzheimer's disease." Neurobiol. Of Aging 20, 65-69.	
/S.S./	CT	Marx, F., "Transfected human B cells: a new model to study the functional and immunostimulatory consequences of APP production." Exp Gerontol 1999 September; 34(6):783-95	
/S.S./	CU	Morgan, D., et al. "A beta peptide vaccination prevents memory loss in an animal model of Alzheimer's disease." 2000 Nature 408, 982-985.	
/S.S./	CV	Mori, H. et al. "Mass spectrometry of purified amyloid beta protein in Alzheimer's disease." (1992) J Biol Chem 267:17082-17808.	
/S.S./	CW	Naslund, J. et al. "Relative abundance of Alzheimer A beta amyloid peptide variants in Alzheimer disease and normal aging." (1994) Proc Natl Acad Sci USA 91:8378-8382.	
/S.S./	CX	Neumann, H. et al. "Major histocompatibility complex (MIC) class I gene expression in single neurons of the central nervous system: differential regulation by Interferon (IFN)-gamma and tumor necrosis factor (TNF)-alpha." 1997 J Exp Med 185: 305-316.	

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/S.S./	CY	Oldstone, M. B. & Southern, P. J., "Trafficking of activated cytotoxic T lymphocytes into the central nervous system: use of a transgenic model." 1993 J Neuroimmunol 46:25-31	
/S.S./	CZ	Ostergaard Pedersen L., et al, "Efficient assembly of recombinant major histocompatibility complex class I molecules with preformed disulfide bonds." Eur J. Immunol. 2001 October; 31(10):2988-96	
/S.S./	CA1	Parker, K. C., et al, "Scheme for ranking potential HLA-A2 binding peptides based on independent binding of individual peptide side-chains." J. Immunol. 152:163.	
/S.S./	CB1	Pike, C.J., et al, "Amino-terminal deletions enhance aggregation of P-amyloid peptides in vitro". J Biol Chem 270, 23895-8.	
/S.S./	CC1	Prelli, F. et al. "Differences between vascular and plaque core amyloid in Alzheimer's disease." (1988) J Neurochem 51:648-651	
/S.S./	CD1	Rammensee, Hans-Georg, et al. "SYFPEITHI: database for MHC ligands and peptide motifs." Immunogenetics (1999) 50: 213-219 (access via: http://www.uni-tuebingen.de/uni/kxi/)	
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/S.S./	CF1	Roher, A. E. et al. "beta-Amyloid-(1-42) is a major component of cerebrovascular amyloid deposits: Implications for the pathology of Alzheimer disease." (1993) Proc Natl Acad Sci USA 90:10836-10840	
/S.S./	CG1	Schenk, D. et al. "Immunization with amyloid-beta attenuates Alzheimer-disease-like pathology in the PDAPP mouse." 1999 Nature 400, 173-177.	
/S.S./	CH1	Seubert, P. et al. "Isolation and quantification of soluble Alzheimer's beta-peptide from biological fluids." (1992) Nature 359:325-327	
/S.S./	CI1	Stumliolo, T., et al., "Generation of tissue-specific and promiscuous HLA ligand database using DNA microarrays and virtual HLA class II matrices." Nat. Biotechnol. 17. 555-561(1999)	
/S.S./	CJ1	Tekirian, T.L., "Commentary: Abeta N-Terminal Isoforms: Critical contributors in the course of AD pathophysiology." J Alzheimers Dis. 2001 April; 3(2):241-248.	
/S.S./	CK1	Traugott, U. "Multiple sclerosis: relevance of class I and class II MHC-expressing cells to lesion development." 1987 J Neurimmunol 16: 283-302.	
/S.S./	CL1	Vass, K. & Lassmann, H. "Intrathecal application of interferon gamma. Progressive appearance of MHC antigens within the rat nervous system." 1990 Am J. Pathol 137: 789-800.	
/S.S./	CM1	Scharf et al., "Direct Cloning and Sequence Analysis of Enzymatically Amplified Genomic Sequences." Science, Vol. 233, No. 4768, pp. 1076-1078	
/S.S./	CN1	Cox et al., "HLA-DR Typing "at the DNA Level": RFLPs and Subtypes Detected with a DRβ cDNA Probe." Am. J. Hum. Gen., 43:954-963, 1988	
/S.S./	CO1	Tiercy, Jean-Marie, et al., "Identification and Distribution of Three Serologically Undetected Alleles of HLA-DR by Oligonucleotide-DNA Typing Analysis." Proc. Natl. Acad. Sci. USA, Vol. 85, pp. 198-202, 1988	
/S.S./	CP1	Tiercy, Jean-Marie, et al., "DNA Typing of DRw6 Subtypes: Correlation with DRB1 and DRB3 Allelic Sequences by Hybridization with Oligonucleotide Probes." Hum. Immunol. 24, pp. 1-14 (1989)	
/S.S./	CQ1	Salki, Randall K., et al., "Analysis of Enzymatically Amplified β-globin and HLA-DQα DNA with	

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		Allele-Specific Oligonucleotide Probes." Nature, Vol. 324, pp. 163-166, 1986	
/S.S./	CR1	Bugawan, Theodorica L., et al., "Analysis of HLA-DP Allelic Sequence Polymorphism Using the In Vitro Enzymatic NDA Amplification of DP-α and DP-β Loci." J. Immunol., Vol. 141, No. 12, pp. 4024-4030, 1988	
/S.S./	CS1	Gyllensten, Ulf B., et al., "Generation of Single-Stranded DNA by the Polymerase Chain Reaction and its Application to Direct Sequencing of the HLA-DQA Locus." Proc. Natl. Acad. Sci. USA, Vol. 85, pp. 7652-7656, 1988	

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First Named Inventor	Cheryl Fitzer-Attas
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/S.S./	1	SIGURDSSON, et al. "Immunization With a Nontoxic/Nonfibrillar Amyloid-Beta-Homologous Peptide Reduces Alzheimer's Disease-Associated Pathology in Transgenic Mice" American Journal of Pathology, Vol. 159, No. 2, August 2001, pp. 439-447	<input type="checkbox"/>
/S.S./	2	PALLITTO, et al. "Recognition Sequence Design for Peptidyl Modulators of Beta-Amyloid Aggregation and Toxicity" Biochemistry, Vol. 38, No. 12, March 23, 1999, pp. 3570-3578.	<input type="checkbox"/>
/S.S./	3	DICKEY, et al. "Duration and Specificity of Humoral Immune Responses in Mice Vaccinated with the Alzheimer's Disease-Associated Beta-Amyloid 1-42 Peptide" DNA and Cell Biology, Vol. 20, No. 11, November 2001, pp. 723-729	<input type="checkbox"/>
/S.S./	4	SCHONBACH, et al. "Large-Scale Computational Identification of HIV T-Cell Epitopes" Immunology and Cell Biology, Vol. 80, No. 3, June 2002, pp. 300-306	<input type="checkbox"/>

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☒ None

SIGNATURE

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Signature	/FB/ Flynn Barrison (53,970)	Date (YYYY-MM-DD)	2007-09-10
Name/Print	S. Peter Ludwig	Registration Number	25351

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